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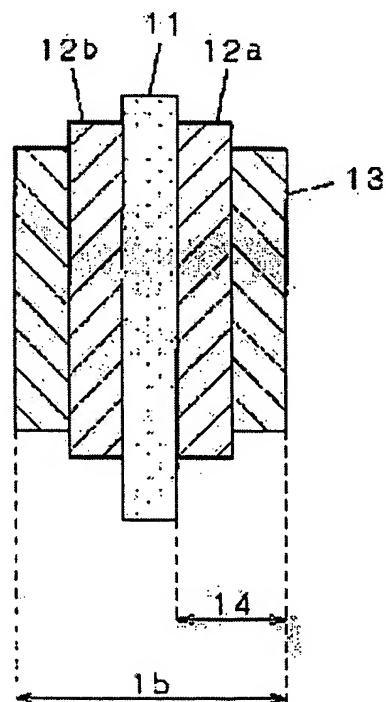
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MATSUOKA HIROAKI(54) METHOD FOR MANUFACTURING ELECTRODE OF POLYMER ELECTROLYTE FUEL
CELL AND ELECTROLYTE MEMBRANE ELECTRODE JOINING BODY

(57)Abstract:

PROBLEM TO BE SOLVED: To solve the problem of an existing solvent that intermittent coating is not suitable to conduct, stability of catalyst ink is bad, and cracks are produced in a coating film.

SOLUTION: The catalyst ink is prepared by stirring and mixing conductive carbon particles on which a catalyst is carried, a perfluorocarbon sulfonic acid polymer, and alcohol solvent having boiling point higher than water, and the catalyst ink obtained is used to form a catalyst layer in a polymer electrolyte membrane mainly comprising perfluorocarbon sulfonic acid polymer.



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